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ADC System Components

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	Classification				When		
	Safety relevant	Reliability	New function	Information	Immediately	Next service	As required
for all items		X					X

Rebooting ADC Processing Station (VIPS)

1 Problem

- Big log files fill up the /home partition
- Annotations will not be printed / sent
- User Interface crashes

2 Workaround

In some sites it has shown that a regular reboot helps to reduce the frequency of the above mentioned problems. For sites having the above described problems a reboot on a daily basis or at least on weekly basis is recommended.

The reboot can be performed manually by the user. This is advisable if the reboot cannot be done at a fixed time and date. Please advice the user accordingly.

If the reboot can be performed at a fixed time and date it also can be automated. This can be achieved by making an entry in the crontab file of the Processing Station Workstation.

To open and edit the crontab file proceed in the following way:

1. Open a terminal window in the UNIX environment
2. Enter the command `crontab -e` and press `<enter>`
   The following information will appear:

```
# "@(#)crontab.HEAD 8.2 97/10/14 11:52:18 H.T."
# Crontab for MIMOSA applicable on the head of a cluster
0 1 * * * /home/mimosa/irc/bin/MIM check files AUTO
>>/home/mimosa/irc/log/MIM_c
heck_files_`date +\%h`.log 2>&1
30 1 * * * /home/mimosa/irc/SRVtools/bin/SaveAreaCreate -b
>>/home/mimosa/irc/lo
g/SaveAreaCreate_`date +\%h`.log 2>&1
#0 2 * * 1 /home/mimosa/irc/SRVtools/bin/MIM reboot AUTO
>>/home/mimosa/irc/log/
reboot_`date +\%h`.log 2>&1
#15 2 * * * /home/mimosa/irc/bin/MIM reset ui AUTO
>>/home/mimosa/irc/log/MIM_re
set_ui_`date +\%h`.log 2>&1
```

The bold printed line is the line which is responsible for the reboot. The "**#**" means that the auto reboot is not active. If you remove this sign the auto reboot is switched on. In the above example it will take place every Monday morning at 2:00 a.m.

3. If you want to change time and frequency you have to adapt some fields.
   The syntax for a crontab entry is as follows:

minutes	***hours***	***day of the month***	***month***	***day of the week***	***command to be executed***

   - Example 1:

0	**2**	*****	*****	**1**	**/home/mimosa/.....**

     This means perform the command "**/home/mimosa/.....**" every Monday at 2:00a.m.

   - Example 2:

0	**2**	*****	*****	**0-6**	**/home/mimosa/.....**

     This means perform the command "**/home/mimosa/.....**" every day at 2:00a.m.

4. To get more information on how to edit the crontab you can look up the help pages on the Processing Station with the command: **man crontab.**

If you are not familiar with editing the crontab contact your next product specialist for assistance. The change can easily be done via remote access.

As you can see in the above print out of the crontab entries there are also some other commands taking place on a regular time basis. It is very important that this tasks are performed regularly**. The auto reboot should not interfere with the timing of these tasks.** Therefore avoid to set the auto reboot time between 0:30 a.m. and 1:30 a.m.